

Message

From: Healy, Stephen [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D1638B0A30364C7D98EA7AF410A9CB2A-HEALY, STEPHEN]
Sent: 4/2/2013 3:52:02 PM
To: jim@motivps.com [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=Aa4021d46cfb46c894252c89f0bf1c87-jim@motivps.com]
CC: Greuel, Justin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=76f822fa08344d0b85f00cb408a6c520-JGREUEL]
Subject: RE: Manufacturer code - Motiv Power systems
Attachments: HD GHG Q and A 420f12004c.pdf; hd-ghg-tractor-vv-workshop.pdf; hd-ghg-workshop-overview.pdf

Jim,
Your vehicles are subject to EPA's heavy-duty vehicle Greenhouse Gas Rule and would require an EPA certificate of conformity starting in 2014. I have attached two industry workshop presentation regarding the certification program and a question and answer document that offers some additional detail. I recommend first reviewing the overview document then the tractor and vocational vehicle presentation then the Q&A document. These documents will give you a good overview of the certification program and once you have reviewed these you can contact me for next steps and questions you may have.

Stephen Healy
Mechanical Engineer
EPA OTAQ Compliance Division
Diesel Engine Compliance Center
734--214-4121

From: jim@motivinc.com [mailto:jim@motivinc.com] **On Behalf Of** Jim Castelaz
Sent: Friday, March 29, 2013 1:47 PM
To: Greuel, Justin
Cc: Healy, Stephen
Subject: Re: Manufacturer code - Motiv Power systems

Thanks, Justin.

Steve, it's good to e-meet you. Motiv makes control systems for battery-electric trucks. Our vehicles are over 14,000 GVWR (14,500 to 52,000 GVWR). None of them have any engines or internal combustion, or fuel or fuel storage on board. No fuel-fired heaters.

We have to register with the CA Air Resources Board, which requires we get a manufacturer code from the EPA. Is there any other registration/approval/certification we are required to do for the EPA?

Thank you for your help,
Jim

On Thu, Mar 28, 2013 at 8:12 AM, Greuel, Justin <Greuel.Justin@epa.gov> wrote:

Jim,

It was nice speaking with you this morning. Please see the following website for instructions on obtaining a manufacturer code: <http://epa.gov/otag/verify/mfr-code.htm>. This site also contains instructions on how to set up a Verify users account if you eventually need to submit a certification application to EPA.

Regarding your question about whether such a vehicle as the one you describe below would require certification under EPA's heavy-duty greenhouse gas rule (40 CFR 1037), I'm going to refer you to Mr. Steve Healy on my team. Steve is copied on this e-mail, or he can be reached at [\(734\) 214-4121](tel:7342144121).

Best regards,

Justin G. Greuel
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From: jim@motivinc.com [mailto:jim@motivinc.com] **On Behalf Of** Jim Castelaz
Sent: Tuesday, March 26, 2013 10:24 AM
To: Greuel, Justin
Subject: Manufacturer code - Motiv Power systems

Justin,

I was given your contact information by Michael Pham at the CA Air Resources Board. We are working with him to have: CBI / Ex. 4 In order to get a letter from CARB, we need to assign an engine family to the all-electric zero-emission powertrain within this vehicle. To name that engine family, we need a 3-letter manufacturer code. Micheal told me that you could provide that. Our preference would be for 'MPS'.

Please call me on my cell, [650-469-3557](tel:6504693557), or email me back to let me know if this is possible.

Thank you,
Jim

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Jim Castelaz
CEO, Motiv
650-458-4829